

**Notice of Allowability**

Application No.

10/041,783

Examiner

David Lazaro

Applicant(s)

SINGHAL ET AL.

Art Unit

2155

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 01/31/2006.
2. ☒ The allowed claim(s) is/are 1-23.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**


4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
SALEH NAJJAR

SUPERVISORY PATENT EXAMINER

  
David Lazaro  
February 17, 2006

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ko-Fang Chang (50,829) on 02/16/2006.

The application has been amended as follows:

In the claims:

In Claim 1, in line 6, please delete "possibly".

In Claim 2, in line 2, after "define" please insert --the--.

In Claim 2, in line 3, after "define" please insert --the--.

In Claim 8, in line 4, please delete "possibly".

In Claim 9, in line 2, after "define" please insert --the--.

In Claim 9, in line 3, after "define" please insert --the--.

In Claim 16, in line 7, please delete "possibly".

In Claim 17, in line 2, after "define" please insert --the--.

In Claim 17, in line 3, after "define" please insert --the--.

***Reasons for Allowance***

2. The following is an examiner's statement of reasons for allowance: In addition to the applicant's remarks filed 07/25/05, the primary reason for indicating allowable subject matter is the inclusion of the following limitations as a whole in a system (and corresponding method and computer-readable medium) for managing configuration inconsistencies between a network management system and network elements:

“a status field configured to display a database object state, wherein the database object state represents a relationship between a database object configuration and a network element configuration, wherein if an inconsistency is found between the database object configuration and the network element configuration, the inconsistency is shown as one of a plurality of configuration inconsistency types, the plurality of configuration inconsistency types including:

a first inconsistency type, meaning an inconsistency exists between the database object configuration and the network element configuration;

a second inconsistency type meaning no network element exists for a selected database object: and

a third inconsistency type, meaning that a network element exists, but that no corresponding database object exists;

one or more selectable input mechanisms, each input mechanism performing a different action, wherein the inconsistency type shown is used to determine an input mechanism that, when selected by the user performs an

action that automatically resolves the inconsistency by editing the database object configuration and/or the network element configuration" (as from claim 1)

This subject matter is not found in the prior art and is considered non-obvious in view of the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Examiner's Comments***

3. The language "possibly" was removed for the claimed limitations for reasons of clarity and to avoid any possible issues with the descriptions provided in the specification. The examiner interprets the limitation "wherein each database object corresponds to a network element" as being sufficient to recognize that each database object is essentially the representation of the network element from the point of view of the network management system, and that having "each database object correspond to a network element" does not conflict with the actual network element no longer existing (the second inconsistency type).

4. The examiner further notes for the record that the amendment overcomes the previous rejection of claims 2, 19 and 17 under 35 U.S.C. 112, second paragraph.

5. The objection to claims 1, 3, 6, 8, 13, 16 and 21 are withdrawn.


6. The examiner accepts the amendment to the specification.

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7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Lazaro whose telephone number is 571-272-3986. The examiner can normally be reached on 8:30-5:00 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
David Lazaro  
February 17, 2006

  
SALEH NAJJAR  
SUPERVISORY PATENT EXAMINER